Manhole Inspection Summary M				anhole # S37YY_042MH			
Printed On: 12/1	8/2008			Page 1 of 4			
Inspection	☐ Is Incomplete	Rating: 3) Fair					
Record Plat: 37	7YY Node: 042	Status: Found		Insp Date: 12/29/06 10:45 AM			
Incomplete Cor	nments			Crew: JS, DE			
				Inspector: Smutek, J Firm: REI			
				FIIII. KEI			
Location	Address: 415 BREN	TWOOD AVE	(Cross Street: 33RD ST			
Manhole	Type: Junction	_ocation: Roadway	(Ground Conditions: Dry			
	☐ Prev. Rehab \	Weather: Dry	S	Subject To Ponding: None			
Comments	HUGE HOLE IN WA	LL OF BARREL AT 8	OCLOCK	POSITION, GREASE IN CHANNEL.			
Cover	Shape: Circular	Diameter: 24	(in.) Lengt	h: (in.) Dist A/B Grade: 0 (in.)			
	Type: Sanitary	Condition: Sour	nd	Cover Material: Cast Iron			
Properties:	☐ Bolted ☐ Vente	d	☐ Water Ti	ght Insert			
Frame	Offset: 0 (in.)	Condition: Sound	☐ Crack	ked <u>V</u> Leaks			
Chimney / Frame Adjustment							
Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ✓ Deteriorated							
Infiltration:	□ None	☐ Cracks ✓ Mortai	Roots	☐ Wall			
Corbel	Material: Brick	☐ Parge	ed Type:	Concentric/Eccentric			
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated						
Infiltration:	☐ None ☐ Joint	☐ Cracks ☐ Mort	ar 🗌 Roo	ots 🗸 Wall			
Barrel	Material: Brick	☐ Parge	ed				
Shape:	Circular Dia	meter: 46 (in.) Leng	th: (in.)				
Condition:	☐ Sound ☐ Cracke	ed Root Intrusion	Loose	Brick			
Infiltration:	☐ None ☐ Joint	☐ Cracks ✓ Mort	ar Roo	ots 🗸 Wall			
Bench	✓ Exists Material: B	Brick	☐ Parged	Debris (not Condition related)			
Condition:	✓ Sound ☐ Cracke	ed Root Intrusion	Deterio	orated Leaks Debris			
Channel	Material: Brick	☐ Parge	ed 🗸 Deb	ris (not Condition related)			
Channel E	xposure: Fully Open	Junc Dist: 3	nearest .	5 ft. Azimuth: -1			
Condition:	✓ Sound ☐ Cracke	ed Root Intrusion	Deterio	orated Leaks Debris			
Steps	Count: 5 Missing:	0 Corroded					
Surcharge	✓ Evidence Of Sure	charge Depth: 1.5 (ft.)	ve Surcharge Present			

Manhole Inspection Summary

Manhole # \$37YY_042MH

Printed On: 12/18/2008 Page 2 of 4

Location View



Defect



Barrel deterioration and infiltration.

Defect



Frame leaks. Adjustment deterioration and infiltration. Corbel infiltration.

Top View



Corroded steps. Evidence of surcharge - Bench debris.

Defect



Barrel deterioration and infiltration (hole).

Defect



Frame leaks. Frame offset. Adjustment deterioration and infiltration.

Manhole Inspection Summary

Manhole # S37YY_042MH

Printed On: 12/18/2008 Page 3 of 4

8 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 10.12 (ft.) Flow Characteristics: Slow

Deposits: ☐ None ☐ Mud ☐ Sludge ☐ Debris ✓ Grease

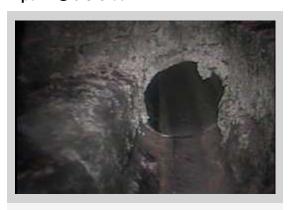
Silt Depth: **0** (in.) Deposits Extent: **Medium**Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: None

Connects To: Manhole

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 6 O'Clock



Rod	and	Bar	(Ang	led)
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Pipe Material: Clay

Invert Depth: 10.06 (ft.) Flow Characteristics: Slow

Deposits: ☐ None ☐ Mud ☐ Sludge ☐ Debris ✓ Grease

Silt Depth: **0** (in.) Deposits Extent: **Medium**Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: None

Connects To: Manhole

☐ Possible Illicit Connection

Manhole Inspection Summary

Manhole # S37YY_042MH

Printed On: 12/18/2008 Page 4 of 4

8 in. Circular Gravity Sewer Pipe In @ 8 O'Clock



Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 8.20 (ft.) Flow Characteristics: Slow

Deposits: ☐ None ☐ Mud ☐ Sludge ☐ Debris ✓ Grease

Silt Depth: **0** (in.) Deposits Extent: **Medium**Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop In @ 8 O'Clock



Drop: Outside Rod and Bar

Angled: **Yes** Reading: **8.60** (ft.)

Inv Depth: **9.60** (ft.)

Drop Condition: Open

Connects To: Manhole

☐ Possible Illicit Connection